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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): GUOHENG ZHAO, KENNETH P. GROSS, RODNEY SMEDT and MEHRDAD NIKOONAHAD

Assignee: KLA-TENCOR TECHNOLOGIES CORPORATION

Title: IMPROVED SYSTEM FOR MEASURING PERIODIC STRUCTURES

Serial No.: 09/742,029 Filing Date: December 20, 2000

Examiner: Unknown Group Art Unit: 2877

Docket No.: M-10696 US

San Francisco, California
August 1, 2001

BOX MISSING PARTS
COMMISSIONER FOR PATENTS
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION -
FILING DATE GRANTED

Dear Sir:

In response to the "Notice to File Missing Parts of Application—Filing Date Granted" mailed by the United States Patent and Trademark Office on March 1, 2001, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A Declaration For Patent Application And Power Of Attorney signed by the inventors in compliance with 37 CFR 1.63.
2. Part 2 of the Notice to File Missing Parts of NonProvisional Application.
3. A Petition for Extension of Time.
4. An Assignment and Assignment Recordation Cover Sheet.
5. Information Disclosure Statement, PTO-1449 form and cited references.
6. Submission of Formal Drawings with eleven sheets (11) of formal drawings.

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The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account No. 19-2386:

| | | |
|----|--|-------------------|
| 1. | The missing parts surcharge of \$130.00; and the three-month extension fee of 890.00 | \$1,020.00 |
| 2. | Assignment Recordation fee | 40.00 |
| 3. | TOTAL FEES: | \$1,060.00 |

The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 19-2386.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-identified patent application and justify the filing date of December 20, 2000. Please telephone the undersigned at (415) 217-6000, if there are any questions. This form is being submitted in duplicate.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on August 1, 2001.


Tammy L. Kaplan Date of Signature
8/1/01

Respectfully submitted,


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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/742,029 | 12/20/2000 | Guoheng Zhao | TNCR.182US0 |



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CONFIRMATION NO. 8669

FORMALITIES LETTER



OC000000005814442

Date Mailed: 03/01/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:

- drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

BW
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE